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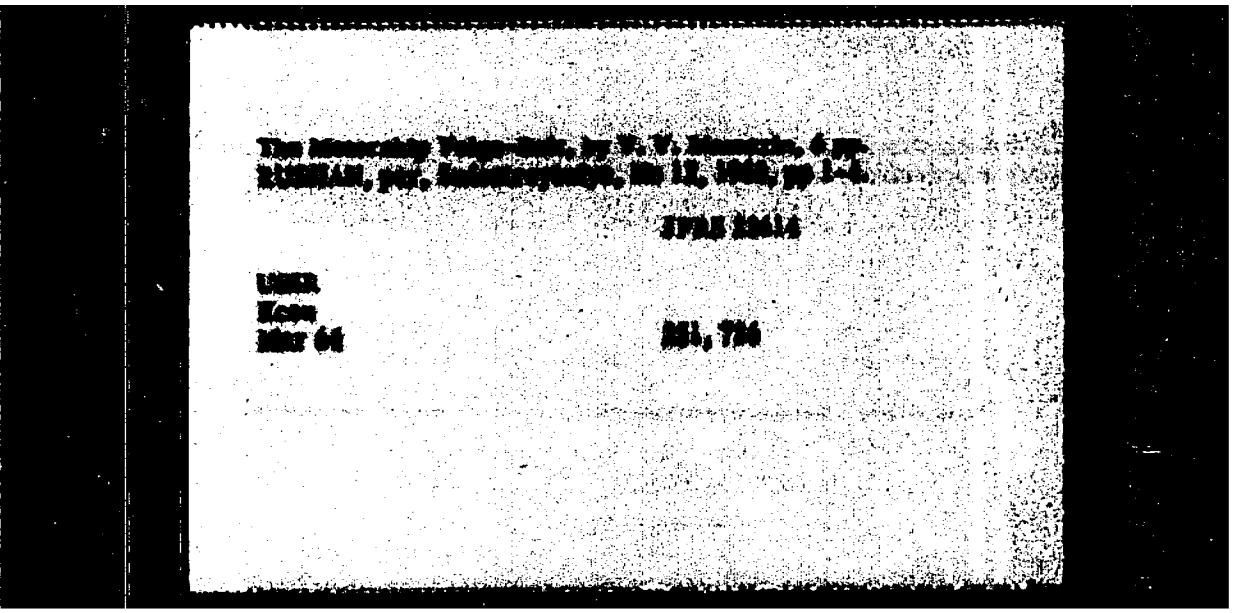

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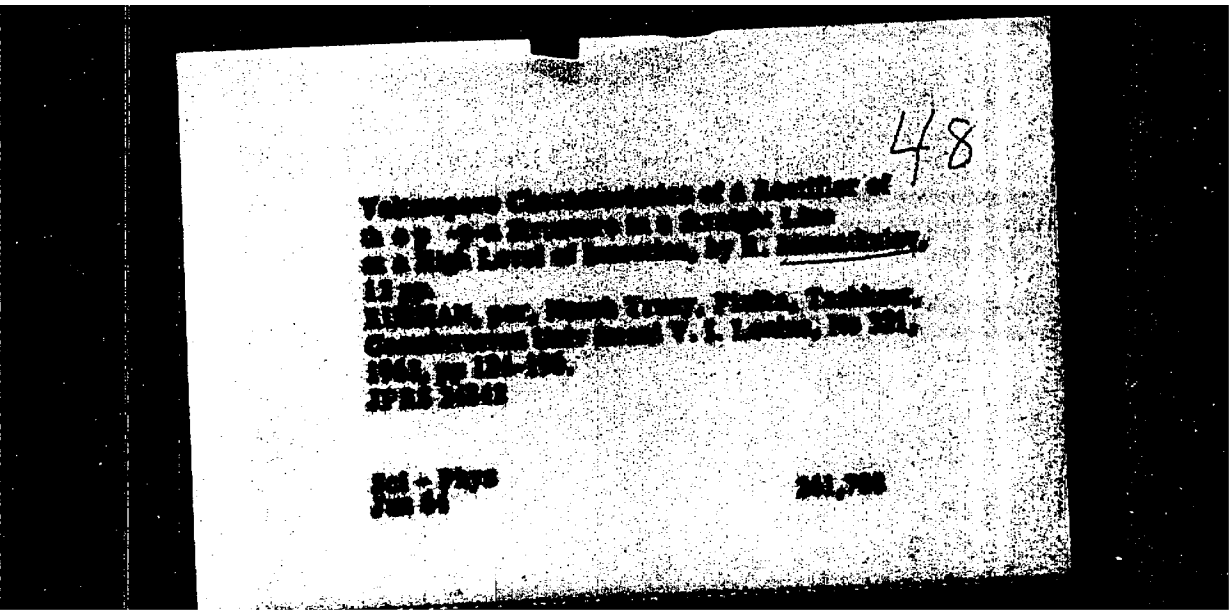

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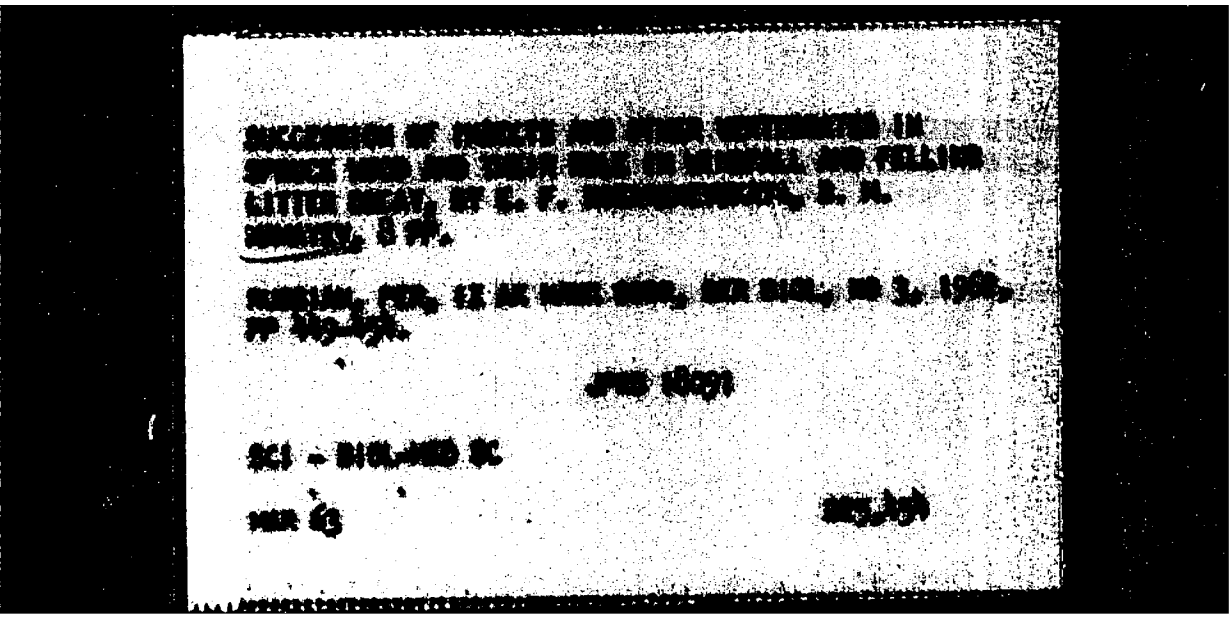

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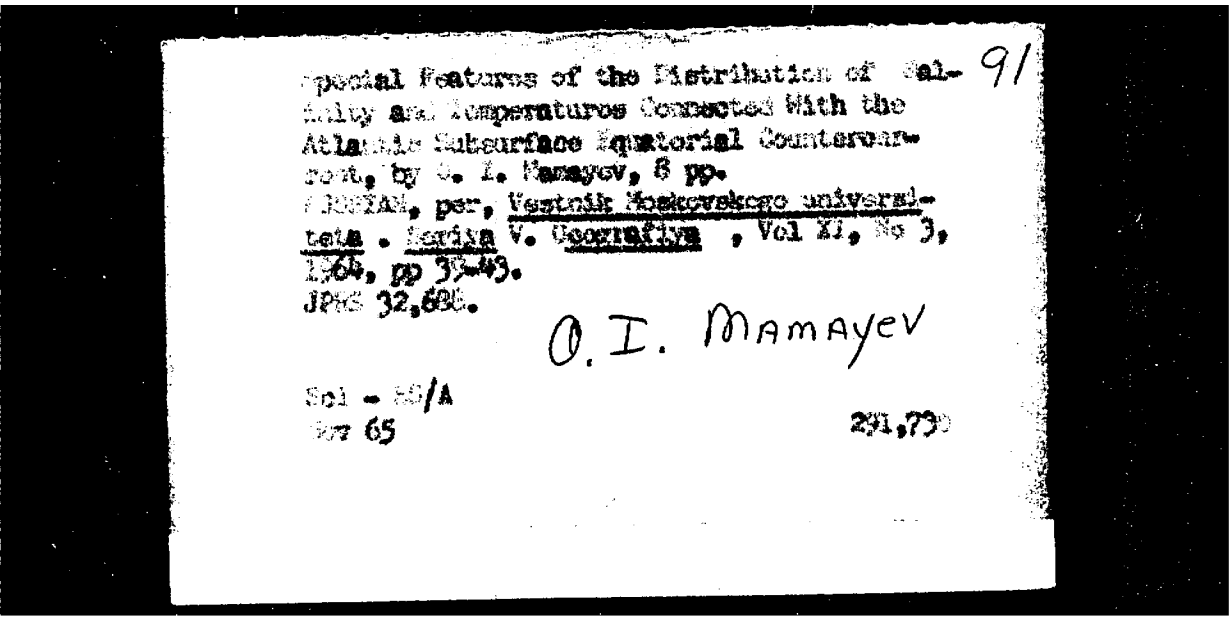

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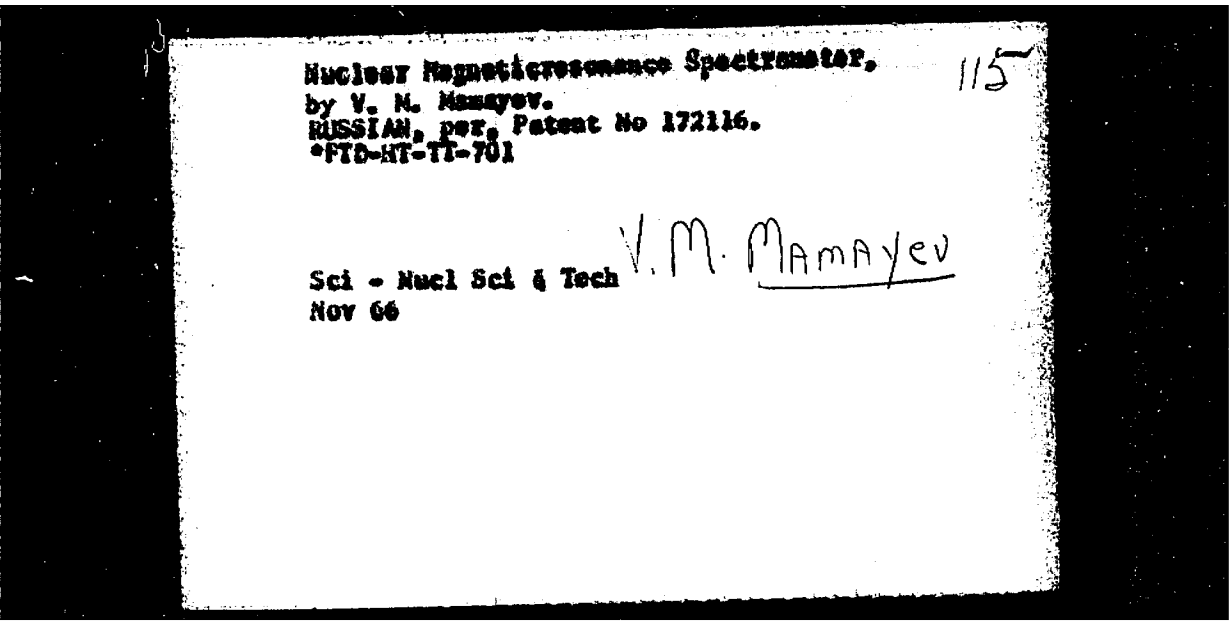

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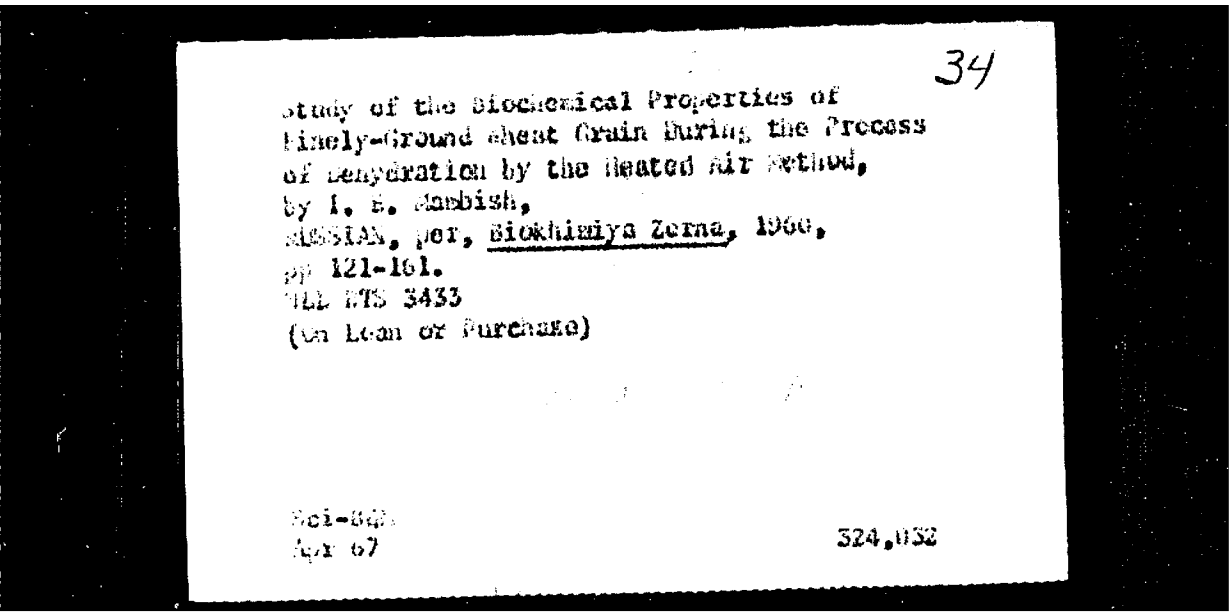

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I. Mamchenkov, I. P.
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Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 3, p. 103-162.

DESCRIPTORS: *Alkyl radicals, *Aviation fuels, Production, Chemical reactions, *Hydrocarbons, Thermodynamics, *Ethylenes, Heat of reaction, Octanes, Gasoline, Antiknock, Sulfuric acid, Fractionation, Esters, Chain reactions.

(Materials--Fuels, TT, v. 7, no. 8)

61-20139

1. Title: Isoparaffins
I. Mamedaliev, Yu. G.

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Mamedaliev, Yu. G.
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[1961] [44]p. 163 refs.
Order from OTS or SLA $4.60 61-20137

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 1, p. 3-71.

DESCRIPTORS: *Hydrocarbons, Chemical reactions, Production, *Aviation fuels, *Alkyl radicals, Chemical engineering, Sulfuric acid, Catalysts, Fuel oils, Refineries, Benzenes, Gases, Pyrolysis, Gasoline, Kerosene, Octanes, Coal, Coke.

(Materials--Fuels, TT, v. 7, no. 8)

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Order from OTS or SLA $2.60 61-20138

Trans. of mono. The Alkylation Reaction in the Production of Aviation Fuels, Baku, 1945, pt. 2, p. 71-102.

DESCRIPTORS: *Alkyl radicals, Benzenes, Butenes, Butadienes, Fractionation, Gases, Pyrolysis, *Aviation fuels, Production, *Hydrocarbons, Reagents, Ethylenes, Catalysts, Octanes, Gasoline.

(Materials--Fuels, TT, v. 7, no. 1)
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Catalytic Transformations of Individual Naphthene Hydrocarbons and Cyclohexene in Presence of Benzene, by G. M. Mamedaliyev, A. V. Topchyev, S. M. Alyev, 10 pp.

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Demethylation and Isomerization of o-Xylene over Aluminosilicates, by A. V. Topchiev, G. M. Mamedaliev, Yu. G. Mamedaliev, 10 pp.

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Isomeric Transformation of Xylenes over Aluminosilicates and Their Demethylation in the Presence of Benzene, by Yu. G. Mamedaliev, A. V. Topchiev, G. M. Mamedaliev, and G. N. Suleimanov, 3 pp.

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DESCRIPTORS: *Alkyl radicals, *Aviation fuels, Production, Chemical reactions, *Hydrocarbons, Thermodynamics, *Ethylenes, Heat of reaction, Octanes, Gasoline, Antiknock, Sulfuric acid, Fractionation, Esters, Chain reactions.

(Materials--Fuels, TT, v. 7, no. 8)

61-20139

1. Title: Isoparaffins
I. Mamedaliev, Yu. G.

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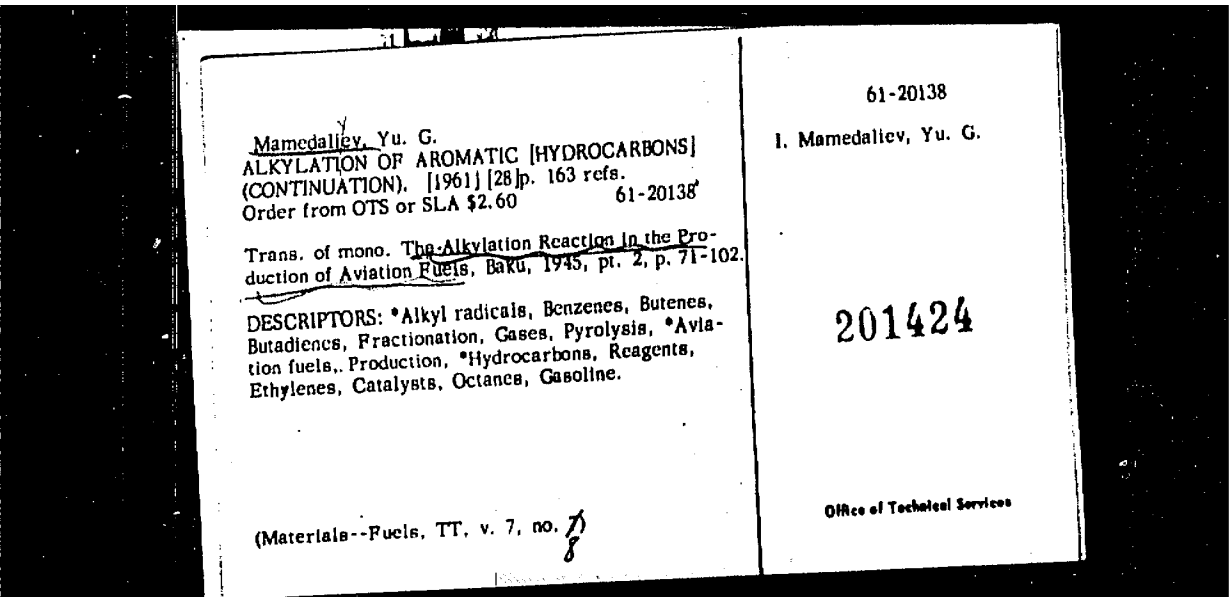

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DESCRIPTORS: *Alkyl radicals, Benzenes, Butenes, Butadienes, Fractionation, Gases, Pyrolysis, *Aviation fuels, Production, *Hydrocarbons, Reagents, Ethylenes, Catalysts, Octanes, Gasoline.

(Materials--Fuels, TT, v. 7, no. 7/8)

61-20138

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DESCRIPTORS: *Hydrocarbons, Chemical reactions, Production, *Aviation fuels, *Alkyl radicals, Chemical engineering, Sulfuric acid, Catalysts, Fuel oils, Refineries, Benzenes, Gases, Pyrolysis, Gasoline, Kerosene, Octanes, Coal, Coke.

(Materials--Fuels, TT, v. 7, no. 8)

61-20137

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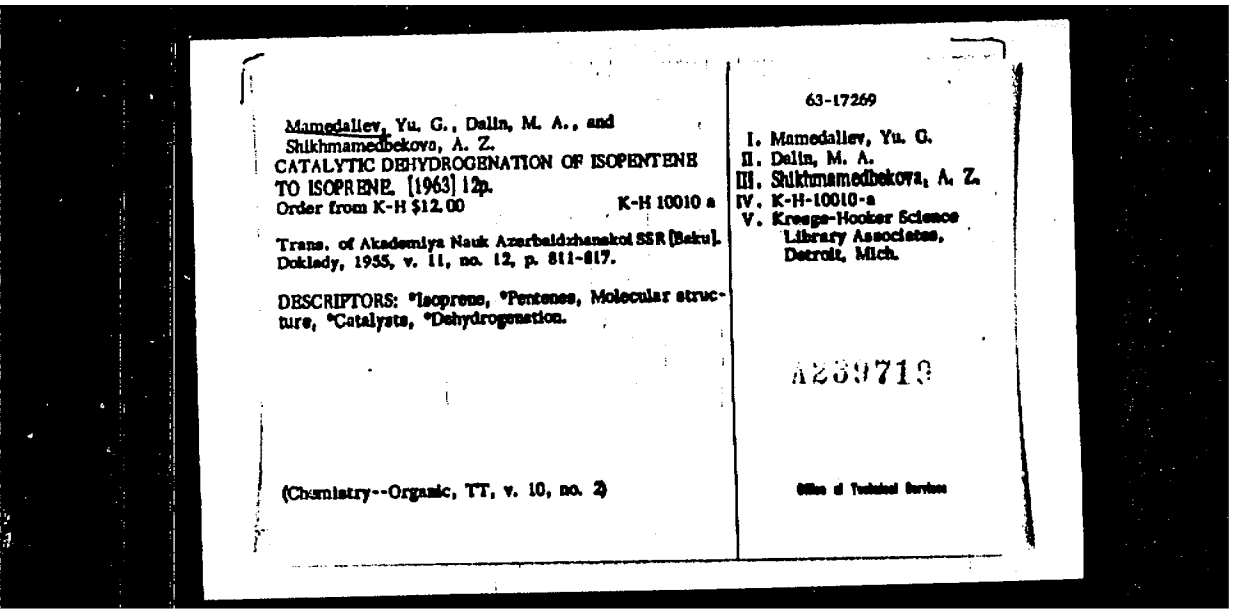

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Order from K-H $12.00 K-H 10010 a

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Doklady, 1955, v. 11, no. 12, p. 811-817.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular structure, *Catalysts, *Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17269

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IV. K-H-10010-a
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

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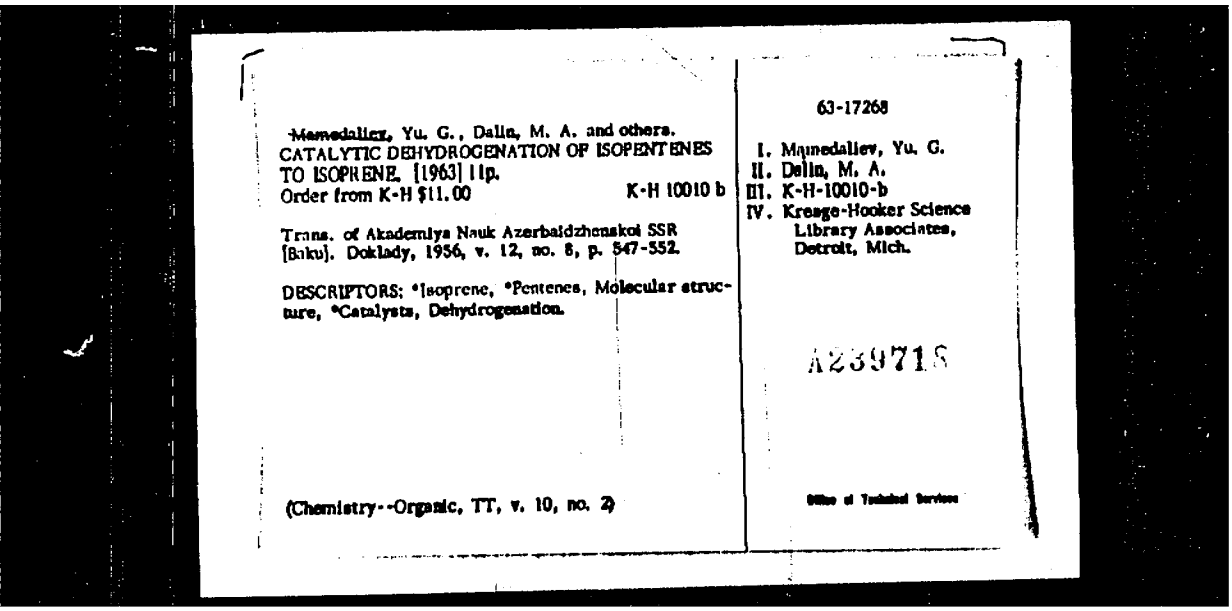

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Order from K-H $11.00 K-H 10010 b

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Doklady, 1956, v. 12, no. 8, p. 547-552.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular structure, *Catalysts, Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17268

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RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, Aug 1956, pp 986-991.

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RUSSIAN, thrice-mo per, Dok Ak Nauk Azerbaydzhan SSR, Vol XI, No 1, 1955, pp 13-19.

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Mamedaliev, Yu. G.
ALKYLATION OF BENZENE WITH PROPENE IN THE PRESENCE OF ALUMINOSILICATES. [1961] 4p. 5 refs.
Order from OTS or SLA $1.10 61-20111

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1946, p. 458-460.

DESCRIPTORS: *Benzenes, *Alkyl radicals, Propenes, Chemical reactions, Aluminum compounds, Silicates, Clay, Catalysts, Catalysis.

Experiments of alkylation of benzene with a gaseous mixture containing 17-19% propane and around 77% propene in the presence of activated gumbrin clay are reported. Under 40 atm pressure at an hourly space velocity of 0.5 and a mole ratio of benzene to propene of 1:0.45 most of the benzene reacted at 350° was con-
(Chemistry--Organic, TT, v. 7, no. 7) (over)

61-20111

I. Mamedaliev, Yu. G.

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Demethylation and Isomerization of o-Xylene over Aluminosilicates, by A. V. Topchiev, G. M. Mamedaliev, Yu. G. Mamedaliev. 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1956, pp 1390-1398.

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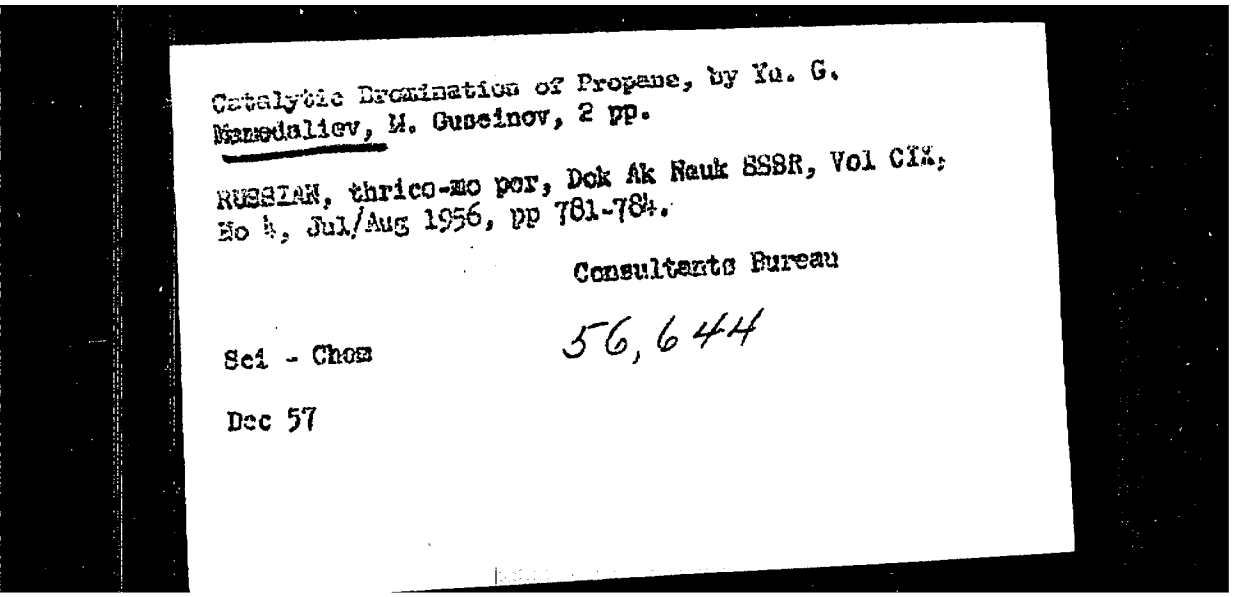

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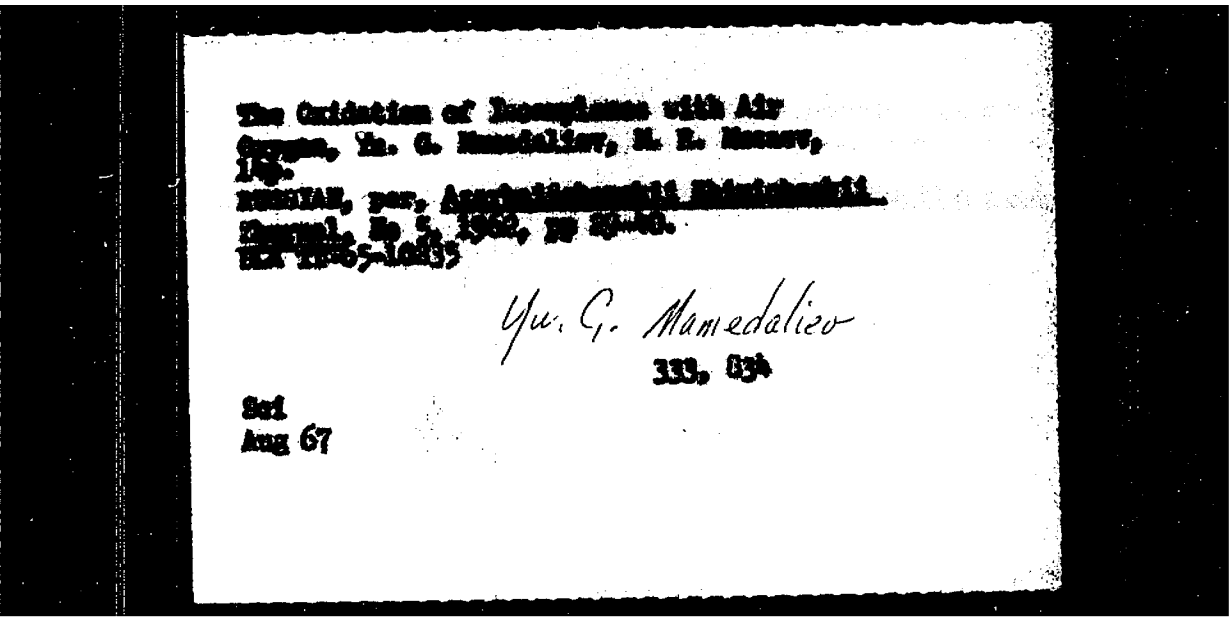

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DESCRIPTORS: *Styrenes, Methyl radicals, Vinyl radicals, Propenes, *Benzene derivatives, Vapors, Alkylation, Dehydrogenation, Fluidized solids, *Catalysts, Oxides.

(Chemistry--Organic, TT, v. 10, no. 10)

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1. Title: α-Methyl styrene
2. Title: Vinyl isopropenyl benzene
I. Mamedaliev, Yu. G.
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